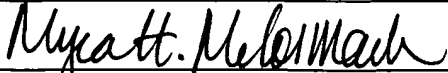


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[illegible]

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.	ORT-1414
(only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor	QIN, Ning
		Title	CDNA ENCODING THE HUMAN ALPHA2 DELTA4 CALCIUM CHANNEL SUBUNIT
		Express Mail Label No.	EL710607409US
APPLICATION ELEMENTS		ADDRESS TO: Commissioner for Patents Box Patent Application Washington, DC 20231	
See MPEP Chapter 600 concerning utility patent application contents.			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (submit an original and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status.		8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
3. <input checked="" type="checkbox"/> Specification [Total Pages 107] (Preferred arrangement set forth below)		a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)	
- Descriptive Title of the Invention		b. <input checked="" type="checkbox"/> Specification Sequence Listing on:	
- Cross Reference to Related Applications		i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	
- Statement Regarding Fed sponsored R&D		ii. <input checked="" type="checkbox"/> paper	
- Reference to sequence listing, a table, or a computer program listing appendix		c. <input checked="" type="checkbox"/> Statement verifying identity of above copies	
- Background of the Invention		ACCOMPANYING APPLICATION PARTS	
- Brief Summary of the Invention		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
- Brief Description of the Drawings (if filed)		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)	
- Detailed Description		11. <input type="checkbox"/> English Translation Document (if applicable)	
- Claim(s)		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
- Abstract of the Disclosure		13. <input type="checkbox"/> Preliminary Amendment	
4. <input checked="" type="checkbox"/> Drawing(s)(35 USC 113) [Total Sheets 3]		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
5. Oath or Declaration [Total Pages 3]		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
a. <input checked="" type="checkbox"/> Unexecuted (original or copy)		16. <input type="checkbox"/> Request and Certifications under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		17. <input type="checkbox"/> Other	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			
18. <input type="checkbox"/> If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No.: , filed . Prior application information: Examiner Group Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
19. CORRESPONDENCE ADDRESS <input checked="" type="checkbox"/> Customer Number or Bar Code Label 000027777 or <input type="checkbox"/> Correspondence Address below			
Name: Philip S. Johnson, Esq. Address: Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003 USA			
20. TELEPHONE CONTACT Please direct all telephone calls or telefaxes to Myra H. McCormack at: Telephone: (732) 524-6814 Fax: (732) 524-2808			
21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
NAME	Myra H. McCormack Reg. No. 36,602		
SIGNATURE			
DATE	April 11, 2001		

FEE TRANS TOTAL*Complete if Known*

Application Number

Filing Date

April 11, 2001

First Named Inventor

QIN, Ning

Group Art Unit

Examiner Name

Attorney Docket Number

ORT-1414


FEE CALCULATION

CLAIMS AS FILED

(1)	(2)	(3)	(4)	(5)
FOR:	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710.00
TOTAL CLAIMS	22 - 20 =	2	x 18.00	\$ 36.00
INDEPENDENT CLAIMS	8 - 3 =	5	x 80.00	\$ 400.00
MULTIPLE DEPENDENT CLAIMS	<input type="checkbox"/>	N/A	\$270.00	
			TOTAL FEES	\$1,146.00

METHOD OF PAYMENT

- ☒ Please charge Deposit Account No. 10-0750/ORT-1414/MHM in the amount of \$1,146.00. Three copies of this sheet are enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/ORT-1414/MHM. Three copies of this sheet are enclosed.

SUBMITTED BY:		<i>Complete (if applicable)</i>
Typed or Printed Name	Myra H. McCormack	Reg. No. 36,602
Signature		Date: April 11, 2001
		Deposit Account No. 10-0750



DOCKET NO. ORT-1414

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: QIN, et al.

For : CDNA ENCODING THE HUMAN NOVEL ALPHA2 DELTA4 CALCIUM
CHANNEL SUBUNIT

Express Mail Certificate

"Express Mail" mailing number: EL710607409US

Date of Deposit: April 11, 2001

I hereby certify that this complete application, including specification pages, claims, drawings, unexecuted Declaration and Power of Attorney, sequence disk, and sequence listing, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Debra A. Wojcik

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

0933222404040

DATE: April 11, 2001